Atmosphere Group Summary

- Joint meeting with Land Group on SCAR-C
- ATBD Peer Review Preparation
 - Kaufman & Tanre
 - » Fire
 - » Aerosol
 - » Water Vapor
 - King
 - » Cloud Products and Parameters
 - Menzel
 - » Cloud Mask
 - » Cloud Top Properties
 - » Temperature and Moisture Profiles



SCAR-C Highlights

- ER-2 and C-131A Flights between Sept. 17-24
- 10 flight-hours scheduled on ER-2
 - will request 10 more
- Instruments
 - MODIS Airborne Simulator (ER-2)
 - AVIRIS ?? (ER-2)
 - U. of Washington's in situ instrumentation (C131-A)
- First use of 50-channel 12-bit digitizer



SCAR-C Highlights (cont.)

- Joint Atmosphere/Land Applications
 - data taken over smoldering, flaming, & burning biomass
 - data taken over relatively clear atmosphere
- Aircraft Flight schedule in next Earth Observer



Beta Software Delivery

- McIDAS Man-computer Interactive Data Access System
 - system developed with wide distribution
 - formats developed
 - incoming data from many sources
 - not yet MODIS, is a tall pole



Summary

- Looks good going into ATBD Reviews
- MAS reset issue after BOREAS C-130 flight
 - also reset preamps for fires during SCAR-C
- HDF concerns
 - problem for University of Wisconsin due to McIDAS heritage
- Cloud Mask software re-write over next months to include channels missed initially

